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The optical surface of the MAGIC-II Telescope

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Abstract content

The MAGIC Collaboration is building a clone, MAGIC II, of the current MAGIC Telescope. MAGIC II will be built at 85 m of distance from MAGIC I, and will also feature a huge reflecting surface of ˜240 mˆ2 of area. Unlike the former telescope, the mirrors for the new one are lighter and larger, being square of 1 m of side and weighting 10÷12 kg. For the development and production of the new mirrors, two different techniques, both reliable and affordable in price, were tested. We present a description of these two techniques and the performance of the resulting mirrors.

If this papers is presented for a collaboration, please specify the collaboration

MAGIC

Summary

Reference

Proceedings of the 30th International Cosmic Ray Conference; Rogelio Caballero, Juan Carlos D'Olivo, Gustavo Medina-Tanco, Lukas Nellen, Federico A. Sánchez, José F. Valdés-Galicia (eds.); Universidad Nacional Autónoma de México, Mexico City, Mexico, 2008; Vol. 3 (OG part 2), pages 1547-1550

Primary author(s) : Dr. BASTIERI, Denis (Università di Padova)

Co-author(s) : BAIXERAS, Carmen (Universitat Autonoma de Barcelona); CITTERIO, Oberto (Osservatorio Astronomico di Brera); DAZZI, Francesco (INFN di Padova); DE LOTTO, Barbara (INFN di Udine); DORO, Michele (INFN di Padova); GHIGO, Mauro (Osservatorio Astronomico di Brera); GIRO, Enrico (Osservatorio Astronomico di Padova); LORENZ, Eckart (MPI - Munich); MARIOTTI, Mose (INFN di Padova); MIRZOYAN, Razmick (MPI - Munich); PAOLETTI, Riccardo (INFN di Pisa); PARESCHI, Giovanni (Osservatorio Astronomico di Brera); PASCOLI, Donatella (INFN di Padova); PEPATO, Adriano (INFN di Padova); PERUZZO, Luigi (INFN di Padova); SAGGION, Antonio (Università di Padova); SARTORI, Paolo (INFN di Padova)

Presenter(s) : Dr. BASTIERI, Denis (Università di Padova)

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